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Appl. No. 09/821,953 Atty. Docket No. 7973MR Amdt, dated March 26, 2004 Reply to Office Action of January 29, 2004

## **AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-37 (Cancelled)

- Claim 38. (Currently Amended) A cleaning sheet comprising:
  - (a) a macroscopically three-dimensional substrate having a first outward surface and a second outward surface, wherein at least one of said outward surfaces has a macroscopic three dimensional texture, said macroscopic three dimensional texture being defined by peaks and valleys; and
  - (b) a polymeric additive selected from the group consisting of pressure sensitive adhesive, tacky polymer, and mixtures thereof; wherein said polymeric additive is incorporated onto said substrate at a level of from about 0.1 g/m<sup>2</sup> to about 10.0 g/m<sup>2</sup>.
- Claim 39. (Original) The cleaning sheet of Claim 38, wherein said polymeric additive is incorporated onto said substrate at a level of from about 0.3 g/m<sup>2</sup> to about 6.0 g/m<sup>2</sup>.
- Claim 40. (Original) The cleaning sheet of Claim 39, wherein said polymeric additive is incorporated onto said substrate at a level of from about 0.5 g/m<sup>2</sup> to about 4.0 g/m<sup>2</sup>.
- Claim 41. (Original) The cleaning sheet of Claim 38, wherein said polymeric additive is a pressure sensitive adhesive comprising:
  - (a) an adhesive polymer;
  - (b) optionally, a tackifying resin;
  - (c) optionally, a plasticizer; and
  - (d) optionally, a component selected from the group consisting of diluents, stabilizers, antioxidants, colorants, fillers, and mixtures thereof.

- Claim 42. (Original) The cleaning sheet of Claim 38, wherein said polymeric additive is a tacky polymer selected from the group consisting of: polyisobutylene polymers, alkyl methacrylate polymers, polyalkyl acrylates, and mixtures thereof.
- Claim 43. (Currently Amended) A cleaning sheet comprising:
  - (a) a macroscopically three-dimensional substrate having a first outward surface and a second outward surface, wherein at least one of said outward surfaces has a macroscopic three dimensional texture, said macroscopic three dimensional texture being defined by peaks and valleys; and
  - (b) a pressure sensitive adhesive incorporated onto said substrate, said pressure sensitive adhesive comprising:
    - (i) an adhesive polymer;
    - (ii) optionally, a tackifying resin;
    - (iii) optionally, a plasticizer; and
  - (iv) optionally, a component selected from the group consisting of diluents, stabilizers, antioxidants, colorants, fillers, and mixtures thereof; wherein said pressure sensitive adhesive has an Adhesive Work Value of from about 130 to about 1000.
- Claim 44. (Currently Amended) The cleaning sheet of Claim 43, wherein said Adhesive Work Value is from about 160 to about 750.
- Claim 45. (Currently Amended) The cleaning sheet of Claim 44, wherein said Adhesive Work Value is from about 250 to about 650.
- Claim 46. (Original) The cleaning sheet of Claim 43, wherein said pressure sensitive adhesive has an additional adhesive characteristic selected from the group consisting of:
  - (a) a Tack Value of from about 100 to about 500;
  - (b) a Cohesive/Adhesive Ratio of from about 0.2 to about 20;
  - (c) a Stringiness Value of from about 2.5 to about 12.0; and
  - (d) combinations thereof.

- Claim 47. (Original) The cleaning sheet of Claim 46, wherein said pressure sensitive adhesive has a Tack Value of from about 150 to about 400.
- Claim 48. (Cancelled)
- Claim 49. (Original) The cleaning sheet of Claim 43, wherein said adhesive polymer is a cross-linked acrylate polymer.
- Claim 50. (Currently Amended) A cleaning sheet comprising:
  - (a) a macroscopically three-dimensional substrate having a first outward surface and a second outward surface, wherein at least one of said outward surfaces has a macroscopic three dimensional texture, said macroscopic three dimensional texture being defined by peaks and valleys; and
  - (b) a tacky polymer; wherein said tacky polymer has an [[said]] Adhesive Work Value [[is]] of from about 50 to about 1000.
- Claim 51. (Original) The cleaning sheet of Claim 50, wherein said Adhesive Work Value is from about 75 to about 250.
- Claim 52. (Original) The cleaning sheet of Claim 51, wherein said Adhesive Work Value is from about 100 to about 150.
- Claim 53. (Original) The cleaning sheet of Claim 50, wherein said tacky polymer has a Tg of from about -150°C to about 0°C.
- Claim 54. (Original) The cleaning sheet of Claim 50, wherein said tacky polymer has a molecular weight of from about about 1000 to about 500,000.
- Claim 55. (Original) The cleaning sheet of Claim 50, wherein said tacky polymer has an additional adhesive characteristic selected from the group consisting of:

- (a) a Tack Value of from about 300 to about 500;
- (b) a Cohesive/Adhesive Ratio of from about 0.2 to about 20;
- (c) a Stringiness Value of from about 0.4 to about 12.0; and
- (d) combinations thereof.
- Claim 56. (Original) The cleaning sheet of Claim 50, wherein said tacky polymer is selected from the group consisting of polyisobutylene polymers, alkyl methacrylate polymers, polyalkyl acrylates, and mixtures thereof.
- Claim 57. (Original) The cleaning sheet of Claim 56, wherein said tacky polymer is polyisobutylene polymer.
- Claim 58. (Currently Amended) A cleaning sheet comprising:
  - (a) a macroscopically three-dimensional substrate having a first outward surface and a second outward surface, wherein at least one of said outward surfaces has a macroscopic three dimensional texture, said macroscopic three dimensional texture being defined by peaks and valleys; and
  - (b) a polymeric additive selected from the group consisting of pressure sensitive adhesive, tacky polymer, and mixtures thereof; wherein said polymeric additive is incorporated onto said substrate in zones comprising a center zone and two side zones; wherein said side zones are located on each side of said center zone; wherein the level of said polymeric additive in said center zone is from about [[0]] 0.02 g/m² to about 1.5 g/m²; and wherein the level of said polymeric additive in said side zones is from about 0.1 g/m² to about 5.0 g/m².
- Claim 59. (Original) The cleaning sheet of Claim 58, wherein said polymeric additive is a pressure sensitive adhesive and has an Adhesive Work Value of from about 130 to about 1000.
- Claim 60. (Original) The cleaning sheet of Claim 58, wherein said polymeric additive is a tacky polymer and has an Adhesive Work Value of from about 50 to about 1000.

Claims 61-63 (Cancelled)

- Claim 64. (New) The cleaning sheet of claim 38 wherein said textured outward surface has an Average Height Differential of at least about 0.5 mm.
- Claim 65. (New) The cleaning sheet of claim 64 wherein said textured outward surface has an Average Height Differential of at least about 1 mm.
- Claim 66. (New) The cleaning sheet of claim 65 wherein said textured outward surface has an Average Height Differential of at least about 1.5 mm
- Claim 67. (New) The cleaning sheet of claim 38 wherein said textured outward surface has a Surface Topography Index of from about 0.01 to about 10.
- Claim 68. (New) The cleaning sheet of claim 67 wherein said textured outward surface has a Surface Topography Index of from about 0.1 to about 5.
- Claim 69. (New) The cleaning sheet of claim 38 wherein said textured outward surface has an Average Peak to Peak Distance of at least about 1 mm.
- Claim 70. (New) The cleaning sheet of claim 69 wherein said textured outward surface has an Average Peak to Peak Distance of from about 1 to about 20 mm.
- Claim 71. (New) The cleaning sheet of claim 38 wherein said substrate comprises at least one layer of a nonwoven material.
- Claim 72. (New) The cleaning sheet of claim 38 wherein said outward surface having said macroscopic three dimensional texture includes a non-random macroscopic pattern including raised regions and recessed regions.

- Claim 73. (New) The cleaning sheet of claim 72 wherein said outward surface including said non-random macroscopic pattern has an Average Height Differential of at least about 0.2 mm.
- Claim 74. (New) The cleaning sheet of claim 73 wherein said Average Height Differential is at least about 0.4 mm.
- Claim 75. (New) The cleaning sheet of claim 74 wherein said Average Height Differential is at least about 0.6 mm.
- Claim 76. (New) The cleaning sheet of claim 75 wherein said raised regions have a rounded parallelogram shape in the X-Y dimension.
- Claim 77. (New) The cleaning sheet of claim 72 wherein said recessed regions form a continuous pattern in the X-Y dimension.
- Claim 78. (New) The cleaning sheet of claim 77 wherein said continuous recessed pattern includes channels having a width from about 0.25 mm to about 10 mm.
- Claim 79. (New) The cleaning sheet of claim 78 wherein the width of said channels is from about 1 mm to about 8 mm.
- Claim 80. (New) The cleaning sheet of claim 77 wherein said polymeric additive is applied to said continuous pattern.
- Claim 81. (New) The cleaning sheet of claim 72 wherein said outward surface including said raised regions and said recessed regions forms a working face of said cleaning sheet.
- Claim 82. (New) The cleaning sheet of claim 81 wherein said recessed regions of said working face form a continuous pattern in the X-Y dimension.

- Claim 83. (New) The cleaning sheet of claim 82 wherein said polymeric additive is applied to said continuous pattern.
- Claim 84. (New) The cleaning sheet of claim 83 wherein said wherein said textured outward surface has an Average Height Differential of at least about 0.2 mm.
- Claim 85. (New) The cleaning sheet of claim 84 wherein said textured outward surface has an Average Height Differential of at least about 0.4 mm.
- Claim 86. (New) The cleaning sheet of claim 85 wherein said textured outward surface has an Average Height Differential of at least about 0.6 mm.
- Claim 87. (New) The cleaning sheet of calim 38 wherein said substrate comprises at least one layer of a nonwoven material.
- Claim 88. (New) The cleaning sheet of claim 81 wherein said cleaning sheet is folded such that said working face faces outwardly.
- Claim 89. (New) The cleaning sheet of claim 86 wherein said recessed regions form pockets for trapping large particulates present on a floor surface when said floor surface is wiped with said working face of said cleaning sheet.